



US Army Corps of Engineers



U.S. Army Engineering and Support Center, Huntsville

**LTC David E. Bailey
Deputy Commander**

As of 30 OCT 2008



Charter

- Huntsville Center operates under a charter that is **based on programs rather than geography**.
- Involves programs and projects that:
 - ✓ require functions not normally accomplished by Corps of Engineers Divisions or Districts.
 - ✓ are **national or broad in scope**, or
 - ✓ requires a **centralized management** structure, or
 - ✓ requires the integration of facilities that **cross Corps geographical boundaries**, or
 - ✓ requires commonality, standardization, multiple-site adaptation or technology transfer.
- Huntsville Center is **almost 100% reimbursable**.





Mission and Vision

MISSION

The U.S. Army Engineering and Support Center (USAESC) serves the U.S. Forces, their Families, and the Nation by providing **specialized technical expertise, global engineering solutions, and cutting edge innovations** through centrally managed programs in support of national interests.

VISION

A **world class workforce** with an expeditionary mindset providing effective, innovative, **global engineering solutions** to **unique, complex, and high-risk missions** in strengthened partnership with our strategic alliances, in support of the Warfighter, their Families, and the Nation.



Historical Overview



- Began in 1967 as Huntsville Division to support the Army's **Sentinel Ballistic Missile Defense System**.



- In the 1980s, Huntsville Division changed from a design/construction organization to a diversified **hi-tech engineering and procurement** organization.
- Huntsville Division became Huntsville Center in 1995.

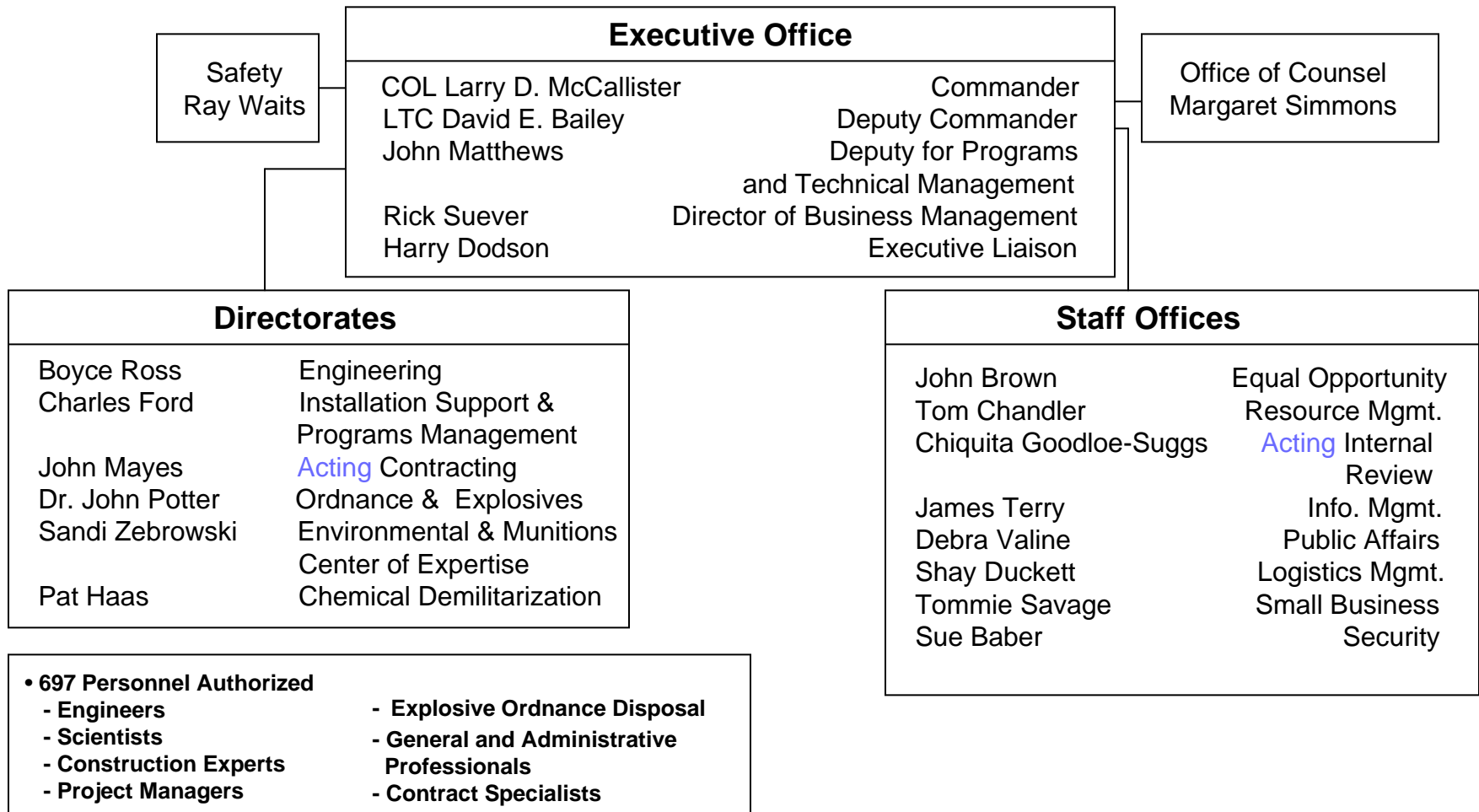


US Army Corps of Engineers



Organization

U.S. Army Engineering and Support Center, Huntsville



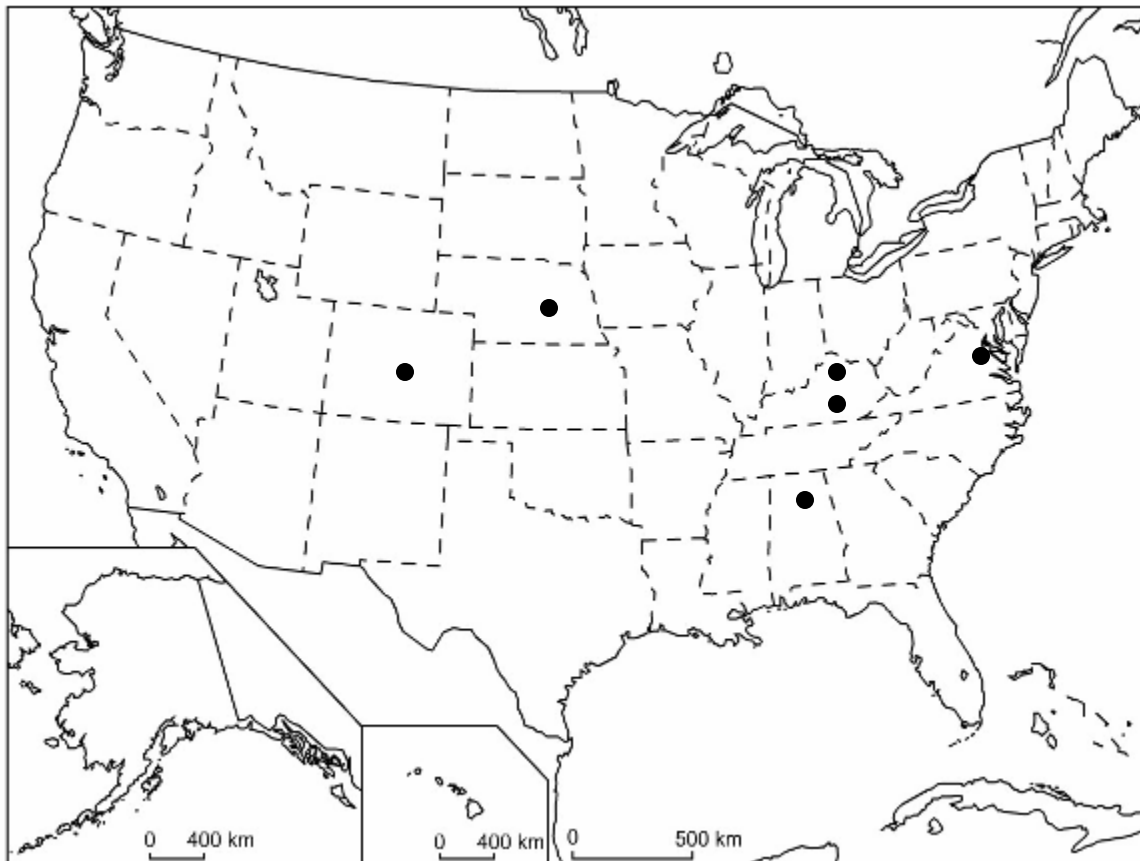


US Army Corps of Engineers



Where Are We?

Personnel



571 – Huntsville, AL

54 – Omaha, NE

11 – Pueblo, CO

8 – Richmond, KY

14 – Alexandria, VA

13 – Various Sites, Iraq

2 – Shchuch'ye, Russia

1 – Baku, Azerbaijan

673 Total HNC Employees



Centers of Expertise

Five Mandatory Centers of Expertise:

- Army Range and Training Lands Program (RTLTP)
- Electronic Security Systems (ESS)
- Medical Facilities
- Environmental and Munitions (EMCX)
- Utility Monitoring & Control Systems (UMCS)

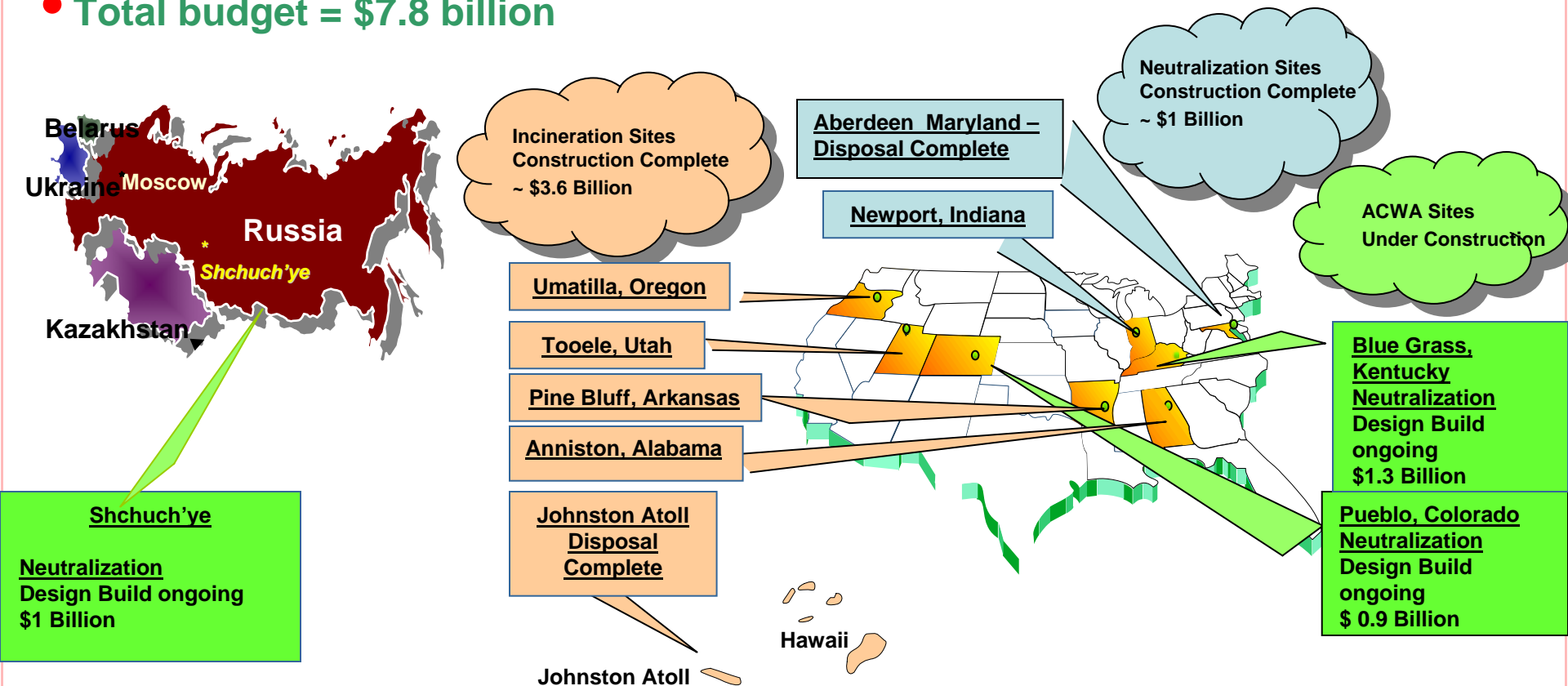
Six Directories of Expertise:

- Energy Savings & Performance Contracting (ESPC)
- Heating, Ventilation and Air Conditioning (HVAC)
- DD Forms 1391 / 3086 Preparation/Validation
- Operations & Maintenance Engineering Enhancements (OMEE)
- Facility Systems Safety
- Installation Support
 - ✓ Facility Planning & Military Construction Programming
 - ✓ Facility Reduction Program (FRP)
 - ✓ Access Control Points (ACP)
 - ✓ Barracks, Office, and Medical Furniture
 - ✓ Energy Studies
 - ✓ Facility & Medical Repair and Renewal (FRR/MRR)



Chemical Demilitarization Construction Program

- Facility Design and Construction, Equipment Design and Acquisition for CONUS Facilities.
- Construction management of Russian Chemical Weapons Destruction Facility.
- **Total budget = \$7.8 billion**





Ordnance and Explosives Program



- Conventional and Chemical ordnance remediation and removal worldwide
- Coalition Munitions Clearance (CMC) Program in Iraq
- Mine Clearance support to Korea



Environmental and Munitions CX Programs

- **EM CX technical specialists provide environmental cleanup and munitions response guidance to customers in the following ways:**

- Project document review
- Project specific technical assistance
- Technology transfer/lessons learned
- Guidance document development
- Participation on panels and advisory committees
- Training
- Environmental program and project management assistance



- **Customers include:**

- Environmental Community of Practice
- Global War on Terror
- Formerly Used Defense Sites
- Defense and State Memorandum of Agreement
- Base Realignment and Closure
- Army Installation Restoration Program
- Environmental Protection Agency Superfund
- Formerly Utilized Sites Remedial Action Program
- USACE Civil Works compliance program





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Expeditionary Mindset

- Any given time HNC has approximately 30 personnel deployed to support GWOT and Emergency Operations.
- HNC has deployed more than 271 personnel since 2003.





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Center of Standardization for 17 Facility Types

- **Medical Facilities**

- **Child and Family Services**

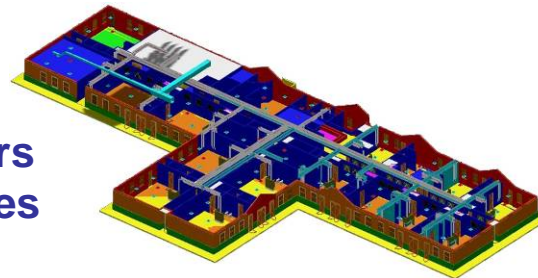
- ✓ Child Development Centers (Infants/Toddlers)
- ✓ Child Development Centers (School Age 6-10)
- ✓ Youth Activity Centers
- ✓ Army Community Service Centers



Fort Benning
Fitness Center

- **Sports and Fitness**

- ✓ Physical Fitness Centers
- ✓ Outdoor Sports Facilities
- ✓ Bowling Centers



CDC in BIM

- **Correctional Facilities**

- **Fire and Emergency Facilities**

- ✓ Fire Stations
- ✓ Consolidated Fire, Safety and Security Facilities
- ✓ Hazardous Waste Storage Facilities

- **Training Ranges**

- ✓ Close Combat Tactical Trainers
- ✓ Military Operations Urban Terrain Facilities
- ✓ Training Ranges
- ✓ Battle Command Training Center
- ✓ Training Support Centers



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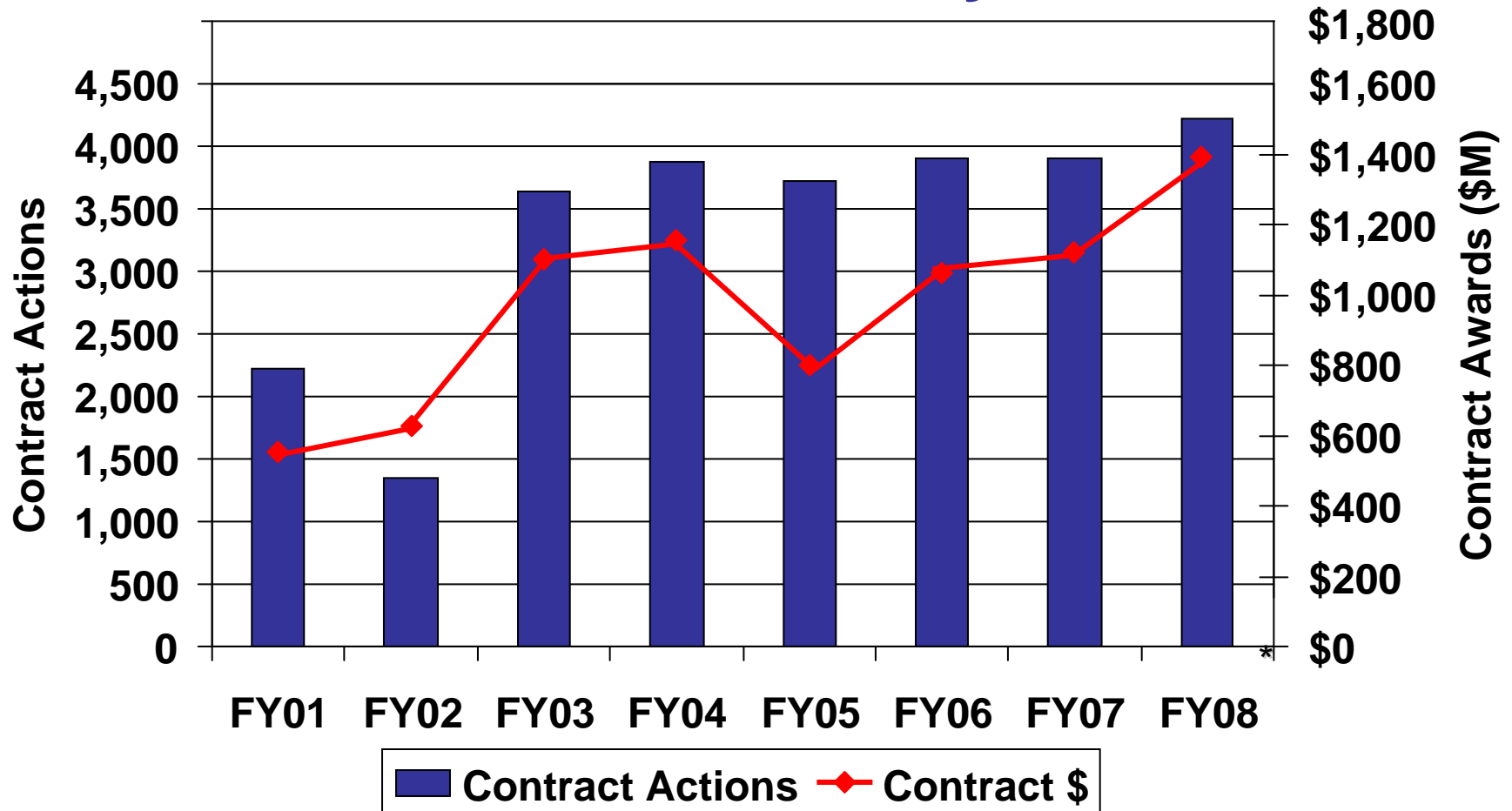
Installation Support and Programs Management Programs

- Facility Planning and Programming for Army Transformation, BRAC and GTF
- Army Range Modernization
- Utilities Procurement and Energy Services
- Physical Security Services
- Facilities Deconstruction/Demolition
- Barracks and Office Furniture
- Repair, Maintenance, Operation and Upgrade Services for Facilities and Infrastructure
- Medical Facility Repair and O&M
- Utility Monitoring and Control Systems
- Fire Protection Life Safety
- Electronic Security/Access Control Points
- Ballistic Missile Defense
- Energy Programs





Huntsville Center Awards History



* Projected (Current as of July 2008)



Acquisitions

- **Total Number of Ongoing Acquisitions: 26**
- **Total Ongoing Acquisition Value: \$5.7 Billion**
- **Total Number of Completed Acquisitions: 10**
- **Total Completed Acquisition Value: \$1.2 Billion**



New Acquisitions

Proposed **IDIQ** Contracts for Solicitation Execution FY **2009**

<u>Project Title</u>	<u>Region</u>	<u>No. of Years</u>	<u>Total Estimate</u>
• Ordnance and Explosives	Worldwide	5	\$ 2.8 billion
• Facility Reduction Program	National	5	\$ 240 million
• UMCS	Worldwide	5	\$ 900 million





New Acquisitions

Proposed **IDIQ** Contracts for Solicitation Execution FY **2009**

<u>Project Title</u>	<u>Region</u>	<u>No. of Years</u>	<u>Total Estimate</u>
• North American Lands Environmental Mitigation Pgm.	National	5	\$ 3.5 million
• UMCS (A-E)	National	TBD	\$ 10 million
• Ranges	NW/SE	5	> \$ 10 million
• Ranges	Northwest	3	> \$ 10 million
• Nat. Resource Efficiency Mgr.	National	5	\$ 40 million
• Ranges Master Planning & Programming	Worldwide	5	\$ 100 million
• Integrated Modular Medical Support Systems (IMMSS)	Worldwide	5	\$ 230 million
• Design/Medical & Medical Lab Facilities	Worldwide	5	\$ 249 million
• OMEE – Medical	National	5	\$ 450 million
• ESS Engineering Services	National	5	\$ TBD



New Acquisitions

Proposed **Single** Contracts for Solicitation

<i>Project Title</i>	<i>Site</i>	<i>Total Estimate</i>	<i>Execution Year</i>
• Combat Simulation	TBD Southeast	More than \$ 10 million	2012
• Ranges	TBD Northwest/Southwest	More than \$ 10 million	2012
• Fire/Emergency Services	TBD Southwest	Between \$ 5 - 10 million	2012
• Child Development Centers	TBD Northeast (2)	More than \$ 5 - 10 million	2012
• Ranges	TBD Northwest	More than \$ 5- 10 million	2012
• Ranges	TBD Northwest	Between \$ 1 - 5 million	2012
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• Fire Station	TBD Northwest/Northeast	Between \$ 1-5 million	2013





Points of Contact

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Questions?

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